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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Mei-Yuh Hwang et al.

Appln. No. : 10/797,358

Filed : March 10, 2004

For : GENERATING LARGE UNITS OF
GRAPHONEMES WITH MUTUAL
INFORMATION CRITERION FOR
LETTER TO SOUND CONVERSION

Docket No.: M61.12-0633

Group Art Unit: 2621

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, THIS

28th DAY OF January, 2005
[Signature]
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

TIME OF FILING

The information disclosure statement is being filed:

1. x with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2. after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R.

§ 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. ☐ a statement as specified in 37 C.F.R. § 1.97(e).
- B. ☐ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3. ☐ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:

- A. a statement as specified in 37 C.F.R. § 1.97(e);
- B. the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

☐ that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

METHOD OF PAYMENT

 x No fee is required.

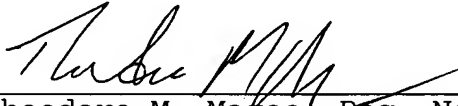
 Attached is a check in the amount of \$.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By:



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Sheet 1 of 1

FORM PTO-1449

Atty. Docket No.:
M61.12-0633

Appl. No.:
10/797,358

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION
DISCLOSURE STATEMENT

First Named Inventor:

Mei-Yuh Hwang et al.

Filing Date

Group Art:

March 10, 2004

2621

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	2002/00823831 A1	06/27/02	Hwang et al.	704	249	
AB						
AC						
AD						
AE						
AF						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AG	Application of Serial No.: 10/761,451, filed January 20, 2004
AH	Ph.D. thesis, MIT, June 2002, "Modelling Out-of-Vocabulary Words for Robust Speech Recognition," by Issam Bassi, pp. 84-87.
AI	M. McCandless, "Empirical Acquisition of Language Models for Speech Recognition," International Conference on Spoken Language Processing, 1994.
AJ	I. Bazzi and J. Glass, "Learning Units for Domain-Independent Out-of-Vocabulary Word Modeling," in Proc. European Conf. on Speech Communication and Technology, Aalborg, Sept. 2001, pp. 61-64.
AK	I. Bazzi and J. Glass, "Modeling Out-of-Vocabulary Words for Speech Recognition," Proc. ICSLP, 401-404, Beijing, China, 2000.
AL	M. Bisani and H. Ney, "Investigations on Joint-Multigram Models for Grapheme-to-Phoneme Conversion," Proc. ICLSP 2002, Vol. 1, pp 105-108, Denver.
AM	S. Chen, "Conditional and Joint Models for Grapheme-to-Phoneme Conversion," EUROSPEECH 2003, Geneva, pp. 2033-2036.
AN	P. Vozila, J. Adams, Y. Lobacheva, and R. Thomas, "Grapheme to Phoneme Conversion and Dictionary Verification Using Graphonemes," EUROSPEECH 2003, Geneva, pp. 2469-2472.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.